

each processing station having an independent transporting apparatus for

transporting the workpiece and executing a biaxial transporting movement, the

transporting apparatus comprising:

*Comprising stationary drives and gear wheels*  
a drive system used for driving a crossmember;

a workpiece-retaining element connected with the crossmember;

first slides with linear guides on which the cross member is mounted; and

a movement-transmission element connected with the crossmember, the

movement-transmission element further including a rack drive for carrying out

longitudinal, lifting and lowering movements of the first slides for the cross

member, a drive for pivotably moving the crossmember, the drive being mounted on

the first slides, and two parallel racks driven, via the gear wheels, by the stationary

drives, for carrying out longitudinal movement, lifting and lowering movements of

the first slides for the crossmember,

wherein said [drive system has] stationary drives [with] each acting on the  
movement-transmission element, and the drives move coordinately with the  
movement-transmission element so as to obtain a desired programmable traveling  
curve of the crossmember.

23. (Amended) Apparatus according to claim 14, wherein the two parallel

racks are arranged horizontally.

24. (Amended) Apparatus according to claim 14, wherein the two parallel

racks are arranged vertically.

25. (Amended) Apparatus according to claim 14, further comprising second

slides, of which lifting and lowering movements are set up by the drive-gearwheels.